

Form PTO-1449
(REV. 8-83)

US Dept. of Commerce
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.
111194

APPLICATION NO.
New U.S. Patent Application

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Masahiko OSADA, Masato HANAI, Masanori OHMI, Mi
SAITO, Shuuichi NAGATA, Takeshi TACHIBANA, Ken
KURETAKE, Hideto HANADA

FILING DATE
November 23, 2001

PTO
09/990295
11/23/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

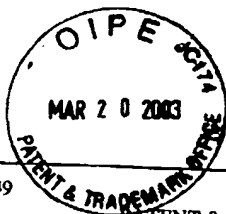
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
JP A 6-101607 w/ abstract	04/12/1994	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED 5-7-03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
111194APPLICATION NO.
09/990,295

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Masahiko OSADA et al.FILING DATE
November 23, 2001GROUP
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>[Signature]</i>	5,593,367	01/14/1997	Eavenson, Sr. Et al.	477	203

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
GB 2 066 366 A	07/08/1981	Great Britain	—	—
DE 32 27 634 A1	02/10/1983	Germany	—	—
EP 0 744 761 A2	11/27/1996	Europe	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED
MAR 21 2003
TC 2800 MAIL ROOM

EXAMINER

DATE CONSIDERED 5-7-03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: March 20, 2003